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Morbidity and Mortality Weekly Report

PUBLIC HEALTH SERVICE
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the COMMUNICABLE DISEASE CENTER MElrose 4-5131

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended August 12, 1961

Poliomyelitis – There was a notable increase in both paralytic and total cases this week. The total for the current week was 54 cases of which 36 were paralytic. For the previous week, the total was 36, including 27 paralytic cases.

Despite the rise in cases this week, the number of cases reported continues below the past years' experience as shown in the graphs on page 2.

Poliomyelitis Cases (Cumulative)
Weeks 1 through 32 – 1957 Through 1961

	1961	1960	1959	1958	1957
Paralytic	270	777	1,892	716	976
Total	417	1,074	2,924	1,457	2,923

Three additional paralytic cases were reported from Frederick County, Maryland, bringing to nine the number of paralytic cases occurring in that county this year. The nine cases have occurred as follows:

Week Ending	7/1	7/8	7/15	7/22	7/29	8/5
Paralytic cases	3	0	3	1	1	1

Seven of the nine cases have been unvaccinated; there have been seven type III poliovirus isolations from the nine cases.

Of the 7 cases reported from Louisiana, 3 were paralytic. Two of the paralytic cases and one of the four non-paralytic cases were from New Orleans. Six cases in all have occurred this year in New Orleans as follows:

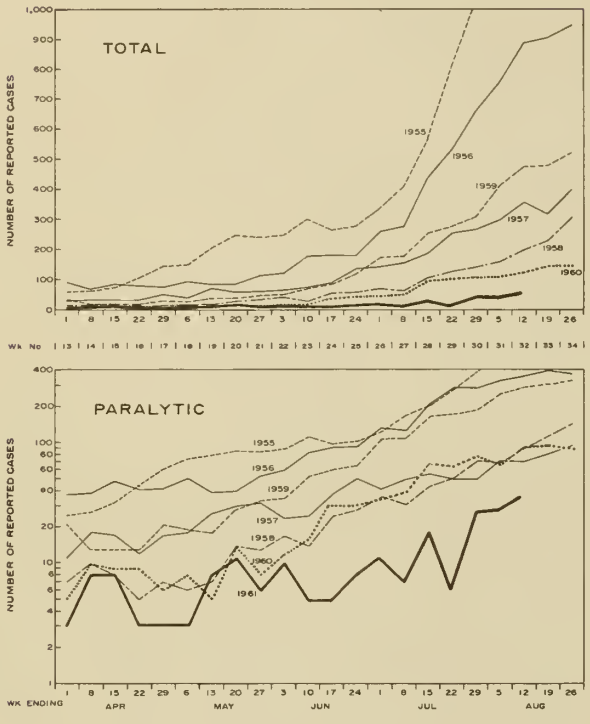
Table I. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	32nd Week			Cumulative						Approximate seasonal low point
				First 32 weeks			Since seasonal low week			
* Weekly incidence low or sporadic --- Data not available - Quantity zero	Ended Aug. 12, 1961	Ended Aug. 13, 1960	Median 1956-60	1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60	
Anthrax-----062	-	-	*	5	10	*	*	*	*	*
Botulism-----049.1	-	2	*	4	8	*	*	*	*	*
Brucellosis (undulant fever)-----044	10	18	19	378	515	505	*	*	*	*
Diphtheria-----055	-	9	9	340	378	461	31	51	64	July 1
Encephalitis, infectious-----082	46	58	54	963	1,063	1,008	963	1,063	1,008	Jan. 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,023	645	276	49,739	23,400	13,259	64,946	30,920	18,872	Sept. 1
Malaria-----110-117	-	2	*	35	37	*	*	*	*	*
Measles-----085	1,746	1,886	1,932	382,274	396,021	443,647	418,484	428,635	480,316	Sept. 1
Meningitis, aseptic-----340 pt.	132	108	---	1,285	1,227	---	1,285	1,227	---	Jan. 1
Meningococcal infections-----057	29	30	31	1,414	1,455	1,591	2,070	2,187	2,368	Sept. 1
Poliomyelitis-----080	54	126	356	417	1,074	2,919	314	860	2,391	Apr. 1
Paralytic-----080.0,080.1	36	97	70	270	777	973	210	622	698	Apr. 1
Nonparalytic-----080.2	16	23	205	95	222	1,488	70	189	1,327	Apr. 1
Unspecified-----080.3	2	6	81	52	75	458	34	49	366	Apr. 1
Psittacosis-----096.2	2	4	*	45	68	*	*	*	*	*
Rabies in man-----094	-	-	*	3	1	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050,051	3,193	3,447	---	225,336	214,776	---	6,125	---	---	Aug. 1
Typhoid fever-----040	15	29	30	421	464	543	307	333	363	Apr. 1
Typhus fever, endemic-----101	1	-	*	24	50	*	*	*	*	*
Rabies in animals-----	60	55	71	2,222	2,436	2,968	2,798	3,409	3,811	Oct. 1

Figure I CURRENT U S POLIO INCIDENCE COMPARED WITH YEARS 1955-1960; APRIL-AUGUST, BY WEEK

PROVISIONAL DATA SUPPLIED BY NATIONAL OFFICE OF VITAL STATISTICS AND COMMUNICABLE DISEASE CENTER



Date of Onset	Age	Race	Sex	Paralytic Status	Vaccine Status	Laboratory
April 29	16 mos.	N	F	Paralytic	OV	Type I
June 7	2	N	M	Paralytic	OV	Type I
June 15	11	W	M	Paralytic	OV	Type III
June 28	3	N	M	Paralytic	OV	
July 2	4	N	M	Paralytic	?	Type 1
July 2	2	W	M	Non-paralytic	OV	Type I

Three additional suspect cases of more recent onset are being investigated.

The six paralytic cases from New York are from 6 different counties including one from Madison County. Not yet reflected in the telegraphic reports are three additional paralytic cases from the Oneida City vicinity (Madison County) and a fourth case across the county line in Oneida County. The onsets of the five cases range from August 2 to August 8. A previous case occurred in Madison County on June 28.

The three paralytic cases in Georgia are all from the Atlanta area. All had onsets in late July; none had either Salk or Sabin vaccine. This brings the reported total in the Atlanta area to 11 cases, 10 paralytic.

EPIDEMIOLOGICAL REPORT

Hepatitis Cases by Age – United States

The observation of an unusual proportion of hepatitis cases among adults in New Jersey and the revelation of an underlying cause, a common source epidemic traceable to Raritan Bay – derived clams, led to the initiation on April 29, 1961 of the nation-wide reporting of cases by age – under 20 years and 20 years or over (MMWR, Vol. 10, No. 17). A total of 33 States were able to provide this age breakdown routinely beginning with the first week; all but a few States now routinely report this information.

A summary of reports received since April 29 through the present week appears on page 8. For the country, as a whole, 40.9% of the cases occurred among those 20 years of age and over. No States except those in the New England, Middle Atlantic and Pacific districts show a percentage of cases 20 years and over which exceeds 50%. In only three States does the proportion of cases among adults exceed 60%. These States are New Jersey, Connecticut and New York which show figures of 73, 63, and 62 percent, respectively.

It is pertinent to note that since the week of July 8, California has reported 982 cases of hepatitis, 368 of which were in persons under 20 years of age, 588 over 20, and 26 unspecified. Thus, during the past six weeks, 62% of cases from California have also been among adults.

International Notes

Cholera – A bacteriologically confirmed case of cholera has been reported through WHO from the Portugese Colony of Macao. Macao is located on the South China Coast, 35 miles from Hong Kong. This case follows unconfirmed reports of cholera in epidemic form occurring since early August in the bordering Chinese mainland province of Kwangtung.

For all travelers to the Hong Kong area, cholera immunization is strongly recommended.

QUARANTINE MEASURES

Immunization Information for International Travel – 1960 edition

Public Health Service Publication No. 384

The following name should be added to the list of Yellow Fever Vaccination Centers in Section 6:

City	Center	Clinic Hours	Fee
Florida	Broward County Health	Monday-Friday	No
Fort Lauderdale	Department	8 a.m.	
	605 S. W. 26th Street		
	Tel. JA 3-1461		

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 13, 1960 AND AUGUST 12, 1961

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Meningitis, aseptic	Brucellosis (undulant fever)
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic			
	32nd Week		Cumulative, first 32 weeks		32nd Week		Cumulative, first 32 weeks		080.2		340 pt.	044
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961
UNITED STATES	54	126	417	1,074	36	97	270	777	16	23	132	10
NEW ENGLAND	1	5	5	105	1	3	5	88	-	2	22	-
Maine	-	-	-	6	-	-	-	6	-	-	1	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	1	-	-	-	1	-	-	-	-	-
Massachusetts	-	4	2	14	-	2	2	12	-	2	10	-
Rhode Island	-	1	-	79	-	1	-	64	-	-	11	-
Connecticut	1	-	2	6	1	-	2	6	-	-	-	-
MIDDLE ATLANTIC	7	21	36	113	7	18	33	87	-	3	7	-
New York	6	5	18	69	6	4	16	51	-	1	5	-
New Jersey	1	11	10	27	1	10	9	24	-	1	-	-
Pennsylvania	-	5	8	17	-	4	8	12	-	1	2	-
EAST NORTH CENTRAL	7	16	39	134	3	10	22	69	3	4	24	1
Ohio	1	1	14	31	-	1	6	12	1	-	1	-
Indiana	-	4	4	20	-	3	3	13	-	1	1	-
Illinois	3	9	12	45	1	5	7	31	2	2	10	1
Michigan	1	2	4	31	1	1	4	12	-	1	12	-
Wisconsin	2	-	5	7	1	-	2	1	-	-	-	-
WEST NORTH CENTRAL	3	8	26	62	1	4	11	36	2	3	8	3
Minnesota	-	2	3	24	-	2	3	18	-	-	7	-
Iowa	2	1	6	10	1	-	2	2	1	1	-	3
Missouri	-	-	8	10	-	-	2	7	-	-	-	-
North Dakota	1	-	1	3	-	-	-	2	1	-	-	-
South Dakota	-	1	-	3	-	-	-	1	-	-	-	-
Nebraska	-	2	3	4	-	1	2	3	-	1	-	-
Kansas	-	2	5	8	-	1	2	3	-	1	1	-
SOUTH ATLANTIC	17	25	84	180	14	21	62	129	2	4	9	2
Delaware	-	-	2	-	-	-	1	-	-	-	-	-
Maryland	3	1	11	3	3	1	11	2	-	-	-	-
District of Columbia	-	-	1	-	-	-	1	-	-	-	1	-
Virginia	4	3	6	6	2	1	4	4	2	2	8	-
West Virginia	4	3	11	16	3	3	7	13	-	-	-	-
North Carolina	-	3	7	36	-	3	5	32	-	-	-	-
South Carolina	1	12	8	73	1	11	7	47	-	1	-	-
Georgia	3	-	22	5	3	-	16	4	-	-	-	1
Florida	2	3	16	41	2	2	10	27	-	1	-	1
EAST SOUTH CENTRAL	-	8	36	47	-	8	18	43	-	-	7	-
Kentucky	-	-	18	8	-	-	4	5	-	-	-	-
Tennessee	-	3	8	8	-	3	4	7	-	-	2	-
Alabama	-	1	5	9	-	1	5	9	-	-	-	-
Mississippi	-	4	5	22	-	4	5	22	-	-	5	-
WEST SOUTH CENTRAL	10	10	73	145	4	8	36	87	6	2	15	1
Arkansas	-	-	4	8	-	-	1	3	-	-	1	-
Louisiana	7	1	22	37	3	-	15	24	4	1	-	-
Oklahoma	-	-	2	8	-	-	-	5	-	-	-	-
Texas	3	9	45	92	1	8	20	55	2	1	14	1
MOUNTAIN	3	5	35	37	1	2	20	19	2	-	4	3
Montana	-	1	3	13	-	1	2	9	-	-	4	2
Idaho	2	1	11	5	-	-	5	1	2	-	-	-
Wyoming	-	2	-	6	-	-	-	-	-	-	-	-
Colorado	1	-	4	4	1	-	4	4	-	-	-	-
New Mexico	-	-	3	2	-	-	-	-	-	-	-	-
Arizona	-	1	7	4	-	1	5	4	-	-	-	-
Utah	-	-	7	3	-	-	4	1	-	-	-	1
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	6	28	83	251	5	23	63	219	1	5	36	-
Washington	2	5	15	15	2	5	11	15	-	-	5	-
Oregon	2	1	10	20	1	-	3	13	1	1	-	-
California	2	21	56	208	2	17	47	183	-	4	31	-
Alaska	-	-	-	2	-	-	-	2	-	-	-	-
Hawaii	-	1	2	6	-	1	2	6	-	-	-	-
Puerto Rico	---	11	5	372	---	11	5	365	---	-	---	---

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 13, 1960 AND AUGUST 12, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

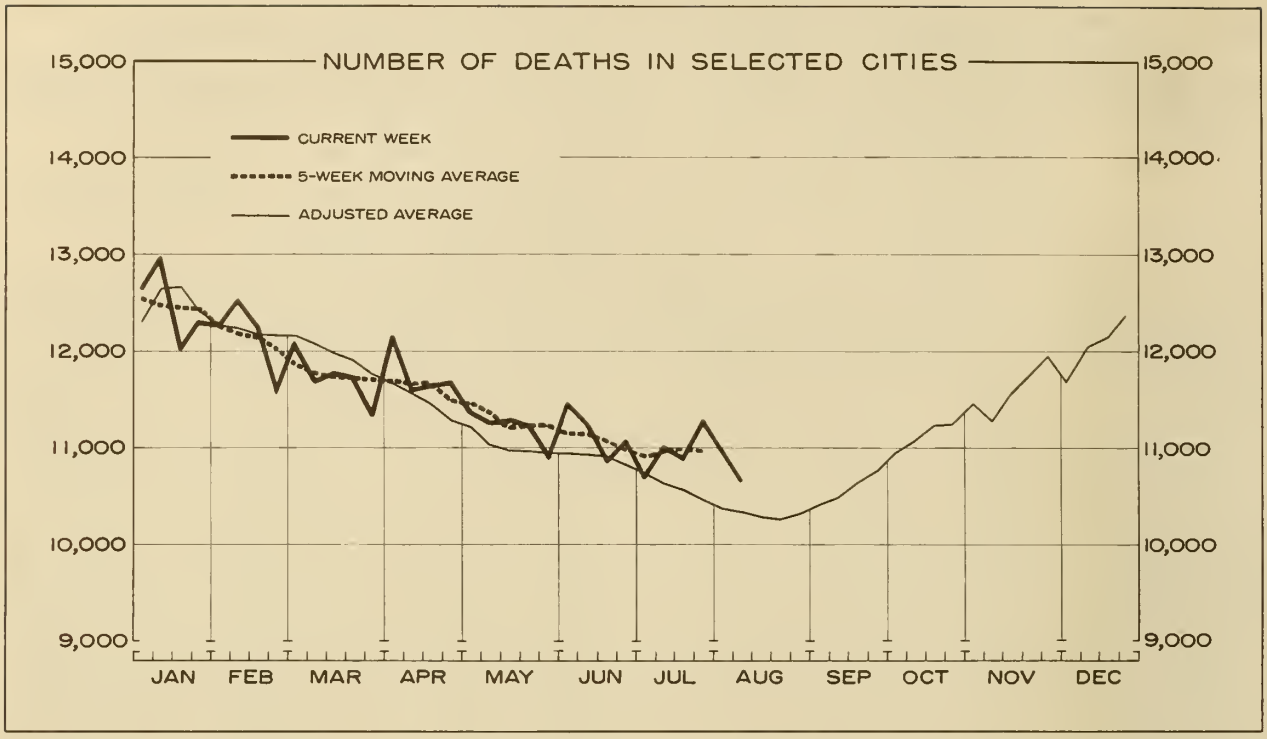
Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	32nd Week		Cumulative, first 32 weeks		082		32nd Week		Cumulative, first 32 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES	-	9	340	378	46	58	1,023	645	49,739	23,400	1,746	1,886
NEW ENGLAND	-	-	6	10	-	2	33	22	1,382	705	119	134
Maine	-	-	-	2	-	-	-	-	90	44	16	5
New Hampshire	-	-	-	-	-	-	9	-	93	21	-	1
Vermont	-	-	-	-	-	-	6	-	152	10	2	23
Massachusetts	-	-	5	7	-	2	11	12	506	356	70	74
Rhode Island	-	-	-	1	-	-	2	7	183	143	1	7
Connecticut	-	-	1	-	-	-	5	3	358	131	30	24
MIDDLE ATLANTIC	-	-	19	11	12	11	115	93	6,929	2,600	403	308
New York	-	-	7	2	8	2	52	41	2,895	1,362	200	198
New Jersey	-	-	-	1	-	7	23	9	1,674	189	114	70
Pennsylvania	-	-	12	8	4	2	40	43	2,360	1,049	89	40
EAST NORTH CENTRAL	-	-	15	32	1	7	169	103	10,007	4,329	309	704
Ohio	-	-	1	14	-	1	43	46	3,379	1,452	39	57
Indiana	-	-	1	5	-	3	10	9	1,573	502	7	36
Illinois	-	-	10	4	1	1	45	24	1,718	881	81	54
Michigan	-	-	3	8	-	1	62	23	3,088	1,326	102	295
Wisconsin	-	-	-	1	-	1	9	1	249	168	80	262
WEST NORTH CENTRAL	-	-	29	18	9	3	62	44	4,953	1,726	76	28
Minnesota	-	-	18	5	-	-	9	6	1,085	182	2	-
Iowa	-	-	1	2	-	-	19	9	1,429	296	14	8
Missouri	-	-	-	2	-	1	14	14	1,115	637	48	7
North Dakota	-	-	2	1	9	2	1	2	120	132	11	13
South Dakota	-	-	6	5	-	-	4	-	132	122	-	-
Nebraska	-	-	2	1	-	-	14	7	519	186	1	-
Kansas	-	-	-	2	-	-	1	6	553	171	NN	NN
SOUTH ATLANTIC	-	6	63	100	3	8	157	80	6,206	2,813	197	124
Delaware	-	-	-	-	-	-	3	1	146	179	1	1
Maryland	-	-	1	1	1	4	11	12	599	288	39	11
District of Columbia	-	-	2	-	-	-	3	2	73	32	1	2
Virginia	-	-	13	10	-	-	20	21	991	555	54	23
West Virginia	-	-	1	4	-	1	17	12	1,176	528	36	26
North Carolina	-	1	7	5	1	1	26	2	1,307	238	9	10
South Carolina	-	4	2	31	-	-	9	-	321	47	6	5
Georgia	-	-	14	20	-	-	5	2	579	187	-	-
Florida	-	1	23	29	1	2	63	28	1,014	759	51	46
EAST SOUTH CENTRAL	-	-	25	40	4	1	134	82	7,522	3,436	120	116
Kentucky	-	-	8	1	-	-	38	32	2,238	1,315	30	32
Tennessee	-	-	3	6	-	1	49	31	2,990	1,115	87	81
Alabama	-	-	9	20	-	-	35	12	1,319	734	1	-
Mississippi	-	-	5	13	4	-	12	7	975	272	2	3
WEST SOUTH CENTRAL	-	3	171	133	4	7	102	39	3,638	1,928	155	153
Arkansas	-	-	3	4	-	1	25	3	724	89	1	5
Louisiana	-	-	20	28	-	-	11	1	381	89	1	1
Oklahoma	-	-	4	6	1	-	5	1	243	252	11	2
Texas	-	3	144	95	3	6	61	34	2,290	1,498	142	145
MOUNTAIN	-	-	7	33	2	6	42	63	3,077	1,910	128	116
Montana	-	-	2	3	-	1	3	7	278	76	15	28
Idaho	-	-	-	11	-	-	5	1	225	237	13	8
Wyoming	-	-	-	5	-	-	4	-	121	22	4	2
Colorado	-	-	4	3	-	1	17	23	1,035	684	66	23
New Mexico	-	-	-	4	1	-	4	4	343	245	NN	-
Arizona	-	-	-	3	1	-	-	14	472	444	17	23
Utah	-	-	-	4	-	4	9	8	509	169	13	26
Nevada	-	-	1	-	-	-	-	6	94	33	-	6
PACIFIC	-	-	5	1	11	13	209	119	6,025	3,953	239	203
Washington	-	-	-	-	2	-	18	10	685	451	12	6
Oregon	-	-	-	-	-	-	28	21	951	656	86	73
California	-	-	1	-	9	13	149	88	4,165	2,647	128	119
Alaska	-	-	4	1	-	-	14	-	184	145	4	-
Hawaii	-	-	-	-	-	-	-	-	40	54	9	5
Puerto Rico	---	1	44	100	---	-	---	10	624	515	---	-

NN-Not Notifiable

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 13, 1960 AND AUGUST 12, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria 110-117	Meningoccocal infections 057		Psittacosis 096.2	Streptococcal sore throat, etc. 050,051	Typhoid fever 040				Typhus fever, endemic 101	Rabies in animals	
						32nd Week		Cumulative, first 32 weeks				
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES	-	29	30	2	3,193	15	29	421	464	1	60	55
NEW ENGLAND	-	2	-	-	69	-	-	8	7	-	-	-
Maine	-	-	-	-	4	-	-	1	2	-	-	-
New Hampshire	-	1	-	-	2	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	1	-	-	15	-	-	3	2	-	-	-
Rhode Island	-	-	-	-	-	-	-	1	-	-	-	-
Connecticut	-	-	-	-	48	-	-	3	3	-	-	-
MIDDLE ATLANTIC	-	8	9	1	87	2	6	49	35	-	-	6
New York	-	3	3	1	69	-	2	25	22	-	-	6
New Jersey	-	3	2	-	9	1	-	12	1	-	-	-
Pennsylvania	-	2	4	-	9	1	4	12	12	-	-	-
EAST NORTH CENTRAL	-	7	3	1	166	1	8	52	57	-	8	7
Ohio	-	-	-	-	30	-	3	18	14	-	-	-
Indiana	-	-	-	-	26	1	1	11	14	-	-	1
Illinois	-	3	1	-	9	-	4	20	17	-	4	1
Michigan	-	4	2	-	54	-	-	2	8	-	2	2
Wisconsin	-	-	-	1	47	-	-	1	4	-	2	3
WEST NORTH CENTRAL	-	2	3	-	119	3	1	27	27	-	18	20
Minnesota	-	2	-	-	6	-	-	5	1	-	2	4
Iowa	-	-	-	-	10	-	-	1	4	-	11	6
Missouri	-	-	1	-	36	3	1	15	17	-	2	3
North Dakota	-	-	2	-	64	-	-	-	1	-	1	3
South Dakota	-	-	-	-	1	-	-	3	1	-	1	3
Nebraska	-	-	-	-	-	-	-	1	2	-	1	1
Kansas	-	-	-	-	2	-	-	2	1	-	-	-
SOUTH ATLANTIC	-	5	5	-	390	2	2	69	73	-	7	11
Delaware	-	4	-	-	-	-	-	1	1	-	-	-
Maryland	-	-	-	-	17	-	-	1	1	-	-	-
District of Columbia	-	-	-	-	1	1	1	9	6	-	-	-
Virginia	-	1	3	-	79	-	-	5	16	-	1	6
West Virginia	-	-	1	-	41	-	-	6	3	-	5	5
North Carolina	-	-	1	-	3	-	-	12	8	-	-	-
South Carolina	-	-	-	-	28	-	-	5	10	-	-	-
Georgia	-	-	-	-	1	1	-	21	19	-	1	-
Florida	-	-	-	-	220	-	1	9	9	-	-	-
EAST SOUTH CENTRAL	-	2	3	-	735	-	1	44	59	-	11	2
Kentucky	-	-	1	-	43	-	-	8	13	-	3	2
Tennessee	-	-	2	-	670	-	1	29	31	-	4	-
Alabama	-	2	-	-	1	-	-	6	10	-	4	-
Mississippi	-	-	-	-	21	-	-	1	5	-	-	-
WEST SOUTH CENTRAL	-	2	1	-	539	3	8	96	147	1	11	6
Arkansas	-	-	-	-	-	1	3	12	32	-	-	2
Louisiana	-	2	-	-	2	-	1	8	52	-	-	1
Oklahoma	-	-	-	-	4	-	3	10	9	-	-	-
Texas	-	-	1	-	533	2	1	66	54	1	11	3
MOUNTAIN	-	-	2	-	872	2	1	34	20	-	1	-
Montana	-	-	-	-	33	2	-	8	5	-	-	-
Idaho	-	-	1	-	44	-	-	1	-	-	-	-
Wyoming	-	-	-	-	-	-	1	2	3	-	-	-
Colorado	-	-	1	-	371	-	-	5	-	-	-	-
New Mexico	-	-	-	-	222	-	-	7	6	-	-	-
Arizona	-	-	-	-	114	-	-	6	6	-	1	-
Utah	-	-	-	-	88	-	-	2	-	-	-	-
Nevada	-	-	-	-	-	-	-	3	-	-	-	-
PACIFIC	-	1	4	-	216	2	2	42	39	-	4	3
Washington	-	-	-	-	49	-	-	7	4	-	-	-
Oregon	-	-	-	-	20	-	-	-	7	-	-	-
California	-	1	4	-	128	2	2	35	28	-	4	3
Alaska	-	-	-	-	19	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	---	---	-	---	---	---	-	11	16	---	---	-



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	32nd week ended August 12, 1961	31st week ended August 5, 1961	Adjusted average, 32nd week 1956-60	Percent change, adjusted average to current week	Cumulative, first 32 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES	10,641	10,952	10,328	+3.0	370,495	375,968	-1.5
New England (14 cities)	595	614	606	-1.8	22,752	23,527	-3.3
Middle Atlantic (20 cities)	2,925	3,126	2,753	+6.2	105,705	103,982	+1.7
East North Central (21 cities)	2,274*	2,352	2,188	+3.9	79,160	81,098	-2.4
West North Central (9 cities)	787	773	750	+4.9	25,222	26,189	-3.7
South Atlantic (11 cities)	972	986	880	+10.5	32,055	32,500	-1.4
East South Central (8 cities)	481	519	485	-0.8	16,759	17,127	-2.1
West South Central (13 cities)	947	991	992	-4.5	31,549	33,163	-4.9
Mountain (8 cities)	334	363	330	+1.2	11,819	11,730	+0.8
Pacific (13 cities)	1,326	1,228	1,344	-1.3	45,474	46,652	-2.5

*Includes estimate for missing reports.

Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	32nd week ended August 12, 1961	31st week ended August 5, 1961	Cumulative, first 32 weeks	
			1961	1960
NEW ENGLAND:				
Boston, Mass.	214	237	7,778	8,198
Bridgeport, Conn.	41	27	1,242	1,342
Cambridge, Mass.	19	19	932	1,021
Fall River, Mass.	19	28	868	925
Hartford, Conn.	40	53	1,536	1,559
Lowell, Mass.	18	21	791	789
Lynn, Mass.	15	16	706	783
New Bedford, Mass.	21	18	857	779
New Haven, Conn.	35	40	1,484	1,465
Providence, R.I.	40	39	2,003	2,076
Somerville, Mass.	14	17	438	439
Springfield, Mass.	36	29	1,467	1,501
Waterbury, Conn.	34	22	885	899
Worcester, Mass.	49	48	1,765	1,751
MIDDLE ATLANTIC:				
Albany, N.Y.	37	38	1,491	1,446
Allentown, Pa.	32	31	1,117	1,130
Buffalo, N.Y.	143	130	4,773	4,772
Camden, N.J.	49	45	1,387	1,411
Elizabeth, N.J.	32	33	922	947
Erie, Pa.	31	38	1,271	1,257
Jersey City, N.J.	52	73	2,251	2,278
Newark, N.J.	76	98	3,272	3,123
New York City, N.Y.	1,482	1,502	53,983	52,831
Paterson, N.J.	39	42	1,264	1,245
Philadelphia, Pa.	506	543	16,643	15,973
Pittsburgh, Pa.	90	281	6,146	6,300
Reading, Pa.	27	23	747	767
Rochester, N.Y.	100	91	3,206	3,235
Schenectady, N.Y.	17	14	777	779
Scranton, Pa.	42	36	1,145	1,215
Syracuse, N.Y.	73	33	1,947	1,997
Trenton, N.J.	49	28	1,443	1,371
Utica, N.Y.	25	25	915	899
Yonkers, N.Y.	23	22	1,005	1,006
EAST NORTH CENTRAL:				
Akron, Ohio	55	53	1,834	1,822
Canton, Ohio	23	35	987	1,121
Chicago, Ill.	704	680	23,952	25,081
Cincinnati, Ohio	144	151	5,077	5,076
Cleveland, Ohio	219	195	6,626	6,852
Columbus, Ohio	99	110	3,646	3,824
Dayton, Ohio	68	85	2,617	2,368
Detroit, Mich.	255	338	10,783	11,185
Evansville, Ind.	33	46	1,158	1,184
Flint, Mich.	40	32	1,383	1,290
Fort Wayne, Ind.	43	40	1,241	1,199
Gary, Ind.	30*	15	984	1,033
Grand Rapids, Mich.	51	31	1,466	1,351
Indianapolis, Ind.	152	144	4,630	4,765
Madison, Wis.	36	29	1,040	1,032
Milwaukee, Wis.	97	139	3,963	4,018
Peoria, Ill.	37	22	909	960
Rockford, Ill.	26	26	909	943
South Bend, Ind.	20	41	936	916
Toledo, Ohio	85	90	3,171	3,275
Youngstown, Ohio	57	50	1,848	1,803
WEST NORTH CENTRAL:				
Des Moines, Iowa	58	63	1,709	1,797
Duluth, Minn.	30	25	829	819
Kansas City, Kans.	36	32	1,219	1,123
Kansas City, Mo.	109	114	4,113	4,184
Lincoln, Nebr.	(32)	(18)	(899)	(838)
Minneapolis, Minn.	130	107	3,866	4,004
Omaha, Nebr.	76	80	2,242	2,422
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.	234	232	7,618	8,057
St. Paul, Minn.	61	65	2,128	2,288
Wichita, Kans.	53	55	1,498	1,495
SOUTH ATLANTIC:				
Atlanta, Ga.	113	103	3,673	3,833
Baltimore, Md.	222	245	7,987	8,237
Charlotte, N.C.	38	38	1,144	1,287
Jacksonville, Fla.	48	51	1,849	1,981
Miami, Fla.	82	73	2,461	2,397
Norfolk, Va.	51	46	1,632	1,341
Richmond, Va.	84	89	2,562	2,570
Savannah, Ga.	33	33	1,048	1,143
St. Petersburg, Fla.	(50)	(65)	(2,267)	(2,352)
Tampa, Fla.	67	79	2,183	2,165
Washington, D.C.	189	185	6,223	6,320
Wilmington, Del.	45	44	1,293	1,226
EAST SOUTH CENTRAL:				
Birmingham, Ala.	89	80	2,788	2,799
Chattanooga, Tenn.	46	32	1,524	1,528
Knoxville, Tenn.	25	33	894	940
Louisville, Ky.	108	145	3,689	3,756
Memphis, Tenn.	82	110	3,678	3,693
Mobile, Ala.	40	30	1,299	1,328
Montgomery, Ala.	32	30	1,006	1,140
Nashville, Tenn.	59	59	1,881	1,943
WEST SOUTH CENTRAL:				
Austin, Tex.	24	35	1,097	1,141
Baton Rouge, La.	29	24	906	921
Corpus Christi, Tex.	23	14	712	808
Dallas, Tex.	123	117	3,993	4,103
El Paso, Tex.	32	36	1,132	1,255
Fort Worth, Tex.	75	57	2,062	2,184
Houston, Tex.	145	189	5,296	5,519
Little Rock, Ark.	55	62	1,793	1,881
New Orleans, La.	179	155	5,407	5,979
Oklahoma City, Okla.	80	73	2,426	2,443
San Antonio, Tex.	85	123	3,290	3,351
Shreveport, La.	37	43	1,656	1,762
Tulsa, Okla.	60	63	1,779	1,816
MOUNTAIN:				
Albuquerque, N. Mex.	24	27	1,008	1,002
Colorado Springs, Colo.	12	11	520	542
Denver, Colo.	103	106	3,699	3,839
Ogden, Utah	15	26	534	537
Phoenix, Ariz.	86	91	2,691	2,516
Pueblo, Colo.	17	19	538	523
Salt Lake City, Utah	47	46	1,575	1,599
Tucson, Ariz.	30	37	1,254	1,172
PACIFIC:				
Berkeley, Calif.	23	15	549	551
Fresno, Calif.	(41)	(32)	(1,434)	(1,477)
Glendale, Calif.	(26)	(31)	(1,081)	(1,266)
Honolulu, Hawaii	43	41	1,288	1,332
Long Beach, Calif.	34	52	1,761	1,796
Los Angeles, Calif.	465	433	16,095	16,610
Oakland, Calif.	96	80	3,137	3,108
Pasadena, Calif.	36	26	1,066	1,110
Portland, Oreg.	80	94	3,445	3,568
Sacramento, Calif.	64	46	2,015	1,886
San Diego, Calif.	83	64	2,835	2,890
San Francisco, Calif.	191	174	6,333	6,443
San Jose, Calif.	(36)	(29)	(1,128)	(1,139)
Seattle, Wash.	113	140	4,215	4,495
Spokane, Wash.	62	30	1,492	1,517
Tacoma, Wash.	36	33	1,243	1,346
San Juan, P. R.	(30)	(39)	(1,099)	(1,135)

*Estimate - based on average percentage of divisional total.

() Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

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HEPATITIS CASES BY AGE
CUMULATIVE TOTALS
Week 17 through Week 32, 1961

State or Area	Total	Under 20 Years	20 Years and Over	Age Unspecified	Percent* 20 and Over
NEW ENG.					
Maine	50	22	28	–	56.0
New Hampshire	43	7	7	29	50.0
Vermont	43	20	23	–	53.5
Massachusetts	240	134	95	11	41.5
Rhode Island	70	36	32	2	47.1
Connecticut	150	54	92	4	63.0
MID. ATL.					
New York	1,183	446	723	14	61.5
New Jersey	639	175	464	–	72.6
Pennsylvania	906	366	294	246	44.5
E. NO. CENT.					
Ohio	1,256	429	251	576	36.9
Indiana	631	362	247	22	40.6
Illinois	840	369	250	221	40.4
Michigan	1,633	432	329	872	43.2
Wisconsin	116	–	–	116	–
W. NO. CENT.					
Minnesota	414	217	163	34	42.9
Iowa	608	388	159	61	29.1
Missouri	453	297	142	14	32.4
North Dakota	60	33	26	1	44.1
South Dakota	21	12	4	5	25.0
Nebraska	220	60	30	130	33.3
Kansas	240	147	92	1	38.5
SO. ATL.					
Delaware	47	–	–	47	–
Maryland	276	184	82	10	30.8
District of Columbia	35	26	9	–	25.7
Virginia	560	331	176	53	34.7
West Virginia	386	281	88	17	23.8
North Carolina	511	380	130	1	25.5
South Carolina	104	48	19	37	28.4
Georgia	206	141	59	6	29.5
Florida	605	359	227	19	38.7
E. SO. CENT.					
Kentucky	857	583	109	165	15.8
Tennessee	983	724	249	10	25.6
Alabama	533	410	123	–	23.1
Mississippi	354	–	–	354	–
W. SO. CENT.					
Arkansas	307	196	111	–	36.2
Louisiana	216	120	49	47	29.0
Oklahoma	100	67	27	6	28.7
Texas	1,026	551	387	88	41.3
MOUNT.					
Montana	84	55	24	5	30.4
Idaho	127	–	–	127	–
Wyoming	44	19	11	14	36.7
Colorado	408	36	30	342	45.5
New Mexico	92	48	36	8	42.9
Arizona	211	–	–	211	–
Utah	171	114	57	–	33.3
Nevada	38	–	–	38	–
PACIFIC					
Washington	274	97	120	57	55.3
Oregon	413	197	201	15	50.5
California	2,220	614	852	754	58.1
Alaska	62	37	15	10	28.8
Hawaii	18	2	8	8	80.0
UNITED STATES	21,084	9,636	6,650	4,808	40.9

*Percentage based on total cases with age specified.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for the States of Alaska and Hawaii. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera; dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

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